

(54) **Title:** HYDRODYNAMIC MODULAR UNIT AND METHOD FOR ACCELERATING THE FILLING PROCESS OF A HYDRODYNAMIC MODULAR UNIT

(57) **Abstract:** The invention relates to a hydrodynamic modular unit having two rotating impellers – a primary impeller (3) and a secondary impeller (4) – which jointly form at least one toroidal working chamber (5), having at least one inlet (6) into the toroidal working chamber (5) for operating medium and an outlet (7) out from the toroidal working chamber, the inlet (6) and the outlet (5') being connected to each other via a circuit (8), and having an operating-medium source (10) that can be coupled to the inlet at least indirectly. The inventive hydrodynamic modular unit is characterized by the following features: means (9) for coupling the operating-medium source to the inlet and the outlet simultaneously or in a slightly time-delayed manner.

